

C&M Seeds On-Farm Trials - "WE KNOW WHEAT"

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County Wellington



Crop Advisor: Tim Meulenstein & Rob McLaughlin
Planting Date: OCT 6 / 17
Planting Pop. target 1.8m
Harvest Date: JUL 31 / 18
Row Width (in): 7.5
Prev Crop: soys
Tillage Type: no-till

Herbicide none required (preharvest soys)
Fungicide T1 chose not to in dry season
T3 ProSaro Jun 11
Foliar T1 HeadStart + Bioline Gold
T3 CropCarb + Bioline Gold

Soil Texture: Harriston Loam
Fall Fertilizer: bcst 100lbs MAP + 100lbs POTASH just after plant
Seed Placed Starter Fertilizer: 56 lbs/ac MESZ mixed with seed
1st Pass Spring Fertilizer: May 7 = 60-0-0-14S (UAN 32% + ATS)
2nd Pass Spring Fertilizer: May 21 = 34-0-0 (UAN 32%)
3rd Pass Spring Fertilizer: May 31 = 45-0-0 plus K and Mg (liquid)
Soil Fertility (L,M,H): 4.3 OM, 14 P, 160K, 7.2 pH
Plot Test Type: on-farm

Std. Moisture % 14.0 (drying charges begin at 14.6%)

Entry No.	Brand	Variety	Width (ft)	Length (ft)	Area (Acres)	Harvest Weight (lbs)	Harvest Weight (kg)	Harvest Moist. %	Wet Bu/Acre Yield	14.0% Dry bu/acre Yield	Dry tonne per acre	Grade	Protein (%)	Test Weight	Seeding Rate	Lodging (0=none 5=highest)	Fusarium Count (f/k)
1	C&M	PRIESLEY (CVQ)	30	535	0.37	2152	976.41	14.2	97.4	97.1	2.64	2	11.4	389.1	1,694,116	0.0	0.0
2	C&M	JDC 78 (CVQ)	30	534	0.37	1988	902	13.4	90.1	90.7	2.47	2	11.8	392.0	1,734,801	0.0	0.0
3	C&M	ARNOLD (CVQ) IP ONLY	30	533	0.37	1846	837.57	14.2	83.8	83.6	2.28	2	13.6	404.0	1,939,905	0.0	0.0
4	C&M	EXP PRO 81 (CVQ)	30	532	0.37	1962	890.2	13.9	89.3	89.4	2.43	2	12.4	410.8	1,561,547	0.0	0.0
5	C&M	GALLUS (CVQ)	30	532	0.37	1954	886.57	14.0	88.9	88.9	2.42	2	12.3	402.1	1,676,209	0.0	0.0
6	C&M	EXP ADRIANUS (CVQ)	30	533	0.37	2202	999.09	13.7	100.0	100.3	2.73	2	11.8	406.6	1,645,588	0.0	0.0
7	C&M	PRIESLEY (CVQ)	30	534	0.37	2266	1028.1	14.4	102.7	102.2	2.78	2	11.1	399.6	1,744,939	0.0	0.0
8 **	C&M	DREW (CVQ)	30	533	0.37	2156	978.22	14.9	97.9	96.9	2.64	2	11.5	392.4	1,872,886	0.0	0.0
9 **	C&M	DREW (CVQ) + QUICKROOTS	30	525	0.36	2098	951.91	15.1	96.7	95.5	2.60	2	11.7	391.4	1,964,015	0.0	0.0
10 **	C&M	CRUZE (CVQ)	30	534	0.37	2246	1019.1	15.0	101.8	100.6	2.74	2	11.6	405.0	1,932,152	0.0	0.0
11	C&M	EXP 1011 (CVQ)	30	538	0.37	2326	1055.4	15.2	104.7	103.2	2.81	2	11.2	392.6	1,824,015	0.0	0.0
12	Dow	PIO 25R40 (Premium Treated)	30	538	0.37	2508	1137.9	15.4	112.8	111.0	3.02	2	10.7	391.6	1,594,527	0.0	0.0
13	C&M	CM 614 (CVQ)	30	536	0.37	2482	1126.1	15.2	112.1	110.5	3.01	2	10.6	395.7	1,683,705	1.0	0.0
14	C&M	PRIESLEY (CVQ)	30	535	0.37	2410	1093.5	14.4	109.0	108.5	2.95	2	11.0	403.2	1,643,292	0.0	0.0

planted by: JD 1590 no-till drill AVG 98.5

CROP NOTES: first variety is south end of plot area. 540ft from 5th Line.
 approx 56lbs per acre of MESZ fertilizer was mixed with seed
 red clover mix broadcast applied April 11 at 10lbs/ac
 harvest was taken from the southern half of each planted strip
 ** strips 8,9,10 - indicates small area reduction to attempt to quantify small area impacted due to historical gravel knoll